

1600
03-001PE
1630
C Errors Corrected by the STIC Systems Branch

Serial Number: 09/682,769B

CRF Processing Date: 2/4/2002
Edited by: AR (STIC staff)
Verified by: _____ Changed a file from non-ASCII to ASCII

ENTERED

 Changed the margins in cases where the sequence text was "wrapped" down to the next line Edited a format error in the Current Application Data section, specifically: Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____ Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____ Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____ Other:

corrected global misspelling of "artificial"



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/682,769B

DATE: 02/04/2002

TIME: 07:05:58

Input Set : C:\Crf3\Datashold\EFS\09682769\09682769B\PTO_MS.txt
 Output Set: N:\CRF3\02042002\I682769B.raw

3 <110> APPLICANT: Monsanto Co
 4 Rangwala, Tasneem
 5 Ye, Minwei
 7 <120> TITLE OF INVENTION: Cotton Event PV-GHGT07(1445) and Compositions and Methods
 for Detection
 8 Thereof
 10 <130> FILE REFERENCE: 38-21(52249)
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/682,769B
 C--> 12 <141> CURRENT FILING DATE: 2001-10-17
 12 <150> PRIOR APPLICATION NUMBER: 60/243190
 13 <151> PRIOR FILING DATE: 2000-10-25
 15 <160> NUMBER OF SEQ ID NOS: 12
 17 <170> SOFTWARE: PatentIn version 3.0
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 25
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Gossypium hirsutum
 24 <400> SEQUENCE: 1
 25 tgcgatacta ggctttgggt ttctt 25
 28 <210> SEQ ID NO: 2
 29 <211> LENGTH: 27
 30 <212> TYPE: DNA
 31 <213> ORGANISM: Pisum sativum
 33 <400> SEQUENCE: 2
 34 agttatactc atggatttgt agttgag 27
 37 <210> SEQ ID NO: 3
 38 <211> LENGTH: 24
 39 <212> TYPE: DNA
 40 <213> ORGANISM: Agrobacterium tumefaciens
 42 <400> SEQUENCE: 3
 43 aggcatactt aacgatagcc ttcc 24
 46 <210> SEQ ID NO: 4
 47 <211> LENGTH: 26
 48 <212> TYPE: DNA
 49 <213> ORGANISM: Gossypium hirsutum
 51 <400> SEQUENCE: 4
 52 aacaccta at acaagtata cataca 26
 55 <210> SEQ ID NO: 5
 56 <211> LENGTH: 18
 57 <212> TYPE: DNA
 C--> 58 <213> ORGANISM: artificial ^{artificial}
 60 <220> FEATURE:
 61 <221> NAME/KEY: misc_feature
 62 <222> LOCATION: (1)..(18)

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/682,769B

DATE: 02/04/2002

TIME: 07:05:58

Input Set : C:\Crf3\Datashold\EFS\09682769\09682769B\PTO_MS.txt
 Output Set: N:\CRF3\02042002\I682769B.raw

63 <223> OTHER INFORMATION: artificial DNA sequence, part cotton genome and part transgene
 66 <400> SEQUENCE: 5
 67 cgattcagat caaacact 18
 70 <210> SEQ ID NO: 6
 71 <211> LENGTH: 18
 72 <212> TYPE: DNA
 C--> 73 <213> ORGANISM: **artificial**
 75 <220> FEATURE:
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 77 <222> LOCATION: (1)..(18)
 78 <223> OTHER INFORMATION: **artificial** DNA sequence, part cotton genome and part transgene
 81 <400> SEQUENCE: 6
 82 caaatgtcaa tagcttgg 18
 85 <210> SEQ ID NO: 7
 86 <211> LENGTH: 320
 87 <212> TYPE: DNA
 C--> 88 <213> ORGANISM: **artificial**
 90 <220> FEATURE:
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 92 <222> LOCATION: (1)..(320)
 93 <223> OTHER INFORMATION: **artificial** DNA sequence, part cotton genome and part transgene
 96 <400> SEQUENCE: 7
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 99 atacggggc taacataagt agctgtgagt gagatgatcc cagtaatgtc taaaatcacg 120
 101 gagcataaac ttaataaaata taattatctt gattggagta agacgattca gatcaaacac 180
 103 tgatagttt aactgaaggc gggaaacgac aatctgatcc cagcttggc tgcaggtcga 240
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 110 <210> SEQ ID NO: 8
 111 <211> LENGTH: 499
 112 <212> TYPE: DNA
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 126 cccctgggg gatgggaggc cccgcgttagc gggccggag gttcgagaa gggggggcac 180
 128 ccccttcgg cgtgcgcgtt cacgcgcaca gggcgcagcc ctggttaaaa acaagggtta 240
 130 taaatattgg tttaaaagca gttaaaaga caggttagcg gtggccgaaa aacgggcccga 300
 132 aacccttgc aatgtggat tttctgcctg tggacagccc ctcaaataatgc aatagggtcg 360
 134 cccctcaaat gtcaatagct tggctgagaa atgatgcattt acctttggat atctaaagct 420
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 138 ttacttggaa attttgtat 499
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 142 <211> LENGTH: 22
 143 <212> TYPE: DNA

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/682,769B

DATE: 02/04/2002

TIME: 07:05:58

Input Set : C:\Crf3\Datashold\EFS\09682769\09682769B\PTO_MS.txt
 Output Set: N:\CRF3\02042002\I682769B.raw

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146 <220> FEATURE:
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 148 <222> LOCATION: (1)..(22)
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152 <400> SEQUENCE: 9
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156 <210> SEQ ID NO: 10

157 <211> LENGTH: 24

158 <212> TYPE: DNA

C--> 159 <213> ORGANISM: **artificial sequence**

161 <220> FEATURE:
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 163 <222> LOCATION: (1)..(24)
 164 <223> OTHER INFORMATION: synthetic primer sequence

167 <400> SEQUENCE: 10
 168 ctaagatcga actctccgac acta

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171 <210> SEQ ID NO: 11

172 <211> LENGTH: 22

173 <212> TYPE: DNA

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176 <220> FEATURE:
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 178 <222> LOCATION: (1)..(22)
 179 <223> OTHER INFORMATION: synthetic primer sequence

182 <400> SEQUENCE: 11
 183 ccaaggcaat taccttactg cc

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186 <210> SEQ ID NO: 12

187 <211> LENGTH: 23

188 <212> TYPE: DNA

C--> 189 <213> ORGANISM: **artificial sequence**

191 <220> FEATURE:
 192 <221> NAME/KEY: misc_feature
 193 <222> LOCATION: (1)..(23)
 194 <223> OTHER INFORMATION: synthetic primer sequence

197 <400> SEQUENCE: 12
 198 taaaaagaca gtttagcggt ggc

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/682,769B

DATE: 02/04/2002

TIME: 07:05:59

Input Set : C:\Crf3\Datashold\EFS\09682769\09682769B\PTO_MS.txt
Output Set: N:\CRF3\02042002\I682769B.raw

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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:58 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
L:73 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:88 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:113 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8
L:144 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9
L:159 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10
L:174 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11
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OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/682,769B
 DATE: 02/04/2002
 TIME: 09:27:44
 Input Set : C:\Crf3\Datashold\EFS\09682769\09682769B\PTO_MS.txt
 Output Set: N:\CRF3\02042002\I682769B.raw

3 <110> APPLICANT: Monsanto Co
 4 Rangwala, Tasneem
 5 Ye, Minwei
 7 <120> TITLE OF INVENTION: Cotton Event PV-GHGT07(1445) and Compositions and Methods
 for Detection
 8 Thereof
 10 <130> FILE REFERENCE: 38-21(52249)
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/682,769B
 C--> 12 <141> CURRENT FILING DATE: 2001-10-17
 12 <150> PRIOR APPLICATION NUMBER: 60/243190
 13 <151> PRIOR FILING DATE: 2000-10-25
 15 <160> NUMBER OF SEQ ID NOS: 12
 17 <170> SOFTWARE: PatentIn version 3.0
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 25
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Gossypium hirsutum
 24 <400> SEQUENCE: 1
 25 tgcgatacta ggctttgggt ttctt 25
 28 <210> SEQ ID NO: 2
 29 <211> LENGTH: 27
 30 <212> TYPE: DNA
 31 <213> ORGANISM: Pisum sativum
 33 <400> SEQUENCE: 2
 34 agttatactc atggatttgt agtttag 27
 37 <210> SEQ ID NO: 3
 38 <211> LENGTH: 24
 39 <212> TYPE: DNA
 40 <213> ORGANISM: Agrobacterium tumefaciens
 42 <400> SEQUENCE: 3
 43 aggcatcttg aacgatagcc ttcc 24
 46 <210> SEQ ID NO: 4
 47 <211> LENGTH: 26
 48 <212> TYPE: DNA
 49 <213> ORGANISM: Gossypium hirsutum
 51 <400> SEQUENCE: 4
 52 aacacctaatac acaagtccata cataca 26
 55 <210> SEQ ID NO: 5
 56 <211> LENGTH: 18
 57 <212> TYPE: DNA
 C--> 58 <213> ORGANISM: artificial
 60 <220> FEATURE:
 61 <221> NAME/KEY: misc_feature
 62 <222> LOCATION: (1)..(18)

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/682,769B

DATE: 02/04/2002

TIME: 09:27:44

Input Set : C:\Crf3\Datashold\EFS\09682769\09682769B\PTO_MS.txt
 Output Set: N:\CRF3\02042002\I682769B.raw

63 <223> OTHER INFORMATION: artificial DNA sequence, part cotton genome and part transgene

66 <400> SEQUENCE: 5

67 cgatttcagat caaacact

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70 <210> SEQ ID NO: 6

71 <211> LENGTH: 18

72 <212> TYPE: DNA

C--> 73 <213> ORGANISM: artificial

75 <220> FEATURE:

76 <221> NAME/KEY: misc_feature

77 <222> LOCATION: (1)..(18)

78 <223> OTHER INFORMATION: artificial DNA sequence, part cotton genome and part transgene

81 <400> SEQUENCE: 6

82 caaatgtcaa tagcttgg

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85 <210> SEQ ID NO: 7

86 <211> LENGTH: 320

87 <212> TYPE: DNA

C--> 88 <213> ORGANISM: artificial

90 <220> FEATURE:

91 <221> NAME/KEY: misc_feature

92 <222> LOCATION: (1)..(320)

93 <223> OTHER INFORMATION: artificial DNA sequence, part cotton genome and part transgene

96 <400> SEQUENCE: 7

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99 atacgggtgc taacataagt agctgtgagt gagatgatcc cagtaatgtc taaaatcagc

120

101 gaggataaaac ttaataaaata taattatctt gattggagta agacgattca gatcaaacac

180

103 tggatgttta aactgaaggc gggaaacgac aatctgatcc cagttgggc tgcagggtcga

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105 ttgatgcattt ttgtcaatca attggcaagt cataaaatgc attaaaaat attttcatac

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107 tcaactacaa atccatgagt

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110 <210> SEQ ID NO: 8

111 <211> LENGTH: 499

112 <212> TYPE: DNA

C--> 113 <213> ORGANISM: artificial

115 <220> FEATURE:

116 <221> NAME/KEY: misc_feature

117 <222> LOCATION: (1)..(499)

118 <223> OTHER INFORMATION: artificial DNA sequence, part cotton genome and part transgene

121 <400> SEQUENCE: 8

122 ggcatttgc ggtgcaccc tccctttata ctgtcctttt gatgaagtga caggtaggat

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124 cggaaagcta gcttggctgc catttttggg gtgaggccgt tcgcggccga gggcgccag

120

126 cccctgggg gatgggaggc cccgcgttagc gggccgggag gttcgagaa gggggggcac

180

128 ccccttcgg cgtgcgcggc cacgcgcaca gggccgcagcc ctggttaaaa acaagggtta

240

130 taaatattgg tttaaaagca gttaaaaga cagtttagcg gtggccgaaa aacgggcgga

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132 aacccttgc aatgcgtggat tttctgcctg tggacagccc ctcaaatgtc aatagggtcg

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134 cccctcaaat gtcaatagct tggctgagaa atgatgcattt acgtttggag atctaaagct

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136 ttattggcag taaggtaatt gccttggcta accactttaa atttgttaaa gaattaattg

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138 ttacttggaa attttgtat

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141 <210> SEQ ID NO: 9

142 <211> LENGTH: 22

143 <212> TYPE: DNA

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/682,769B

DATE: 02/04/2002

TIME: 09:27:44

Input Set : C:\Crf3\Datashold\EFS\09682769\09682769B\PTO_MS.txt
Output Set: N:\CRF3\02042002\I682769B.raw

144 <213> ORGANISM: artificial sequence
146 <220> FEATURE:
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148 <222> LOCATION: (1)..(22)
149 <223> OTHER INFORMATION: synthetic primer sequence
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153 gatccatccc atagggtcga tc 22
156 <210> SEQ ID NO: 10
157 <211> LENGTH: 24
158 <212> TYPE: DNA
159 <213> ORGANISM: artificial sequence
161 <220> FEATURE:
162 <221> NAME/KEY: misc_feature
163 <222> LOCATION: (1)..(24)
164 <223> OTHER INFORMATION: synthetic primer sequence
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171 <210> SEQ ID NO: 11
172 <211> LENGTH: 22
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174 <213> ORGANISM: artificial sequence
176 <220> FEATURE:
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178 <222> LOCATION: (1)..(22)
179 <223> OTHER INFORMATION: synthetic primer sequence
182 <400> SEQUENCE: 11
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186 <210> SEQ ID NO: 12
187 <211> LENGTH: 23
188 <212> TYPE: DNA
189 <213> ORGANISM: artificial sequence
191 <220> FEATURE:
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193 <222> LOCATION: (1)..(23)
194 <223> OTHER INFORMATION: synthetic primer sequence
197 <400> SEQUENCE: 12
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/682,769B

DATE: 02/04/2002

TIME: 09:27:45

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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:58 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
L:73 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:88 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:113 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8